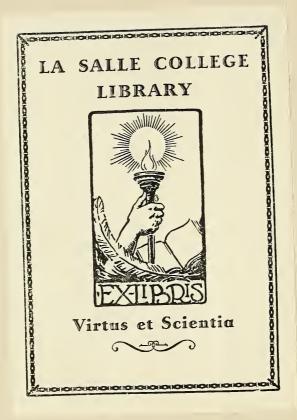
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BULLETIN

CATALOG ISSUE

1934-35









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# LA SALLE COLLEGE PHILADELPHIA, PA.



LA SALLE COLLEGE LIBRARY

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1934-1935 *Catalogue* 

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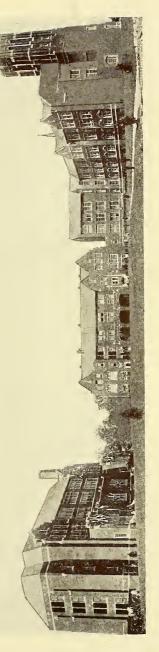
College and University Council of Pennsylvania.

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LA SALLE COLLEGE QUADRANGLE

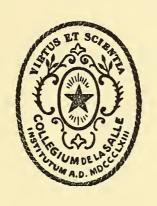


# LA SALLE COLLEGE APPLICATION FOR ADMISSION

.Date	-Course Desired		ion		
		County	Religious Affiliation JED		
Middle	Street and Number	State	SCHOOLS ATTENDED Address		
First	State	City	SCH	Modern Language Studied in High School———Name and Address of Parent or Guardian————————————————————————————————————	Dramatics Debating Athletics School Publications
Last	City		70	ge Studi	
Name In Full_	Home Address_	Birth \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	( DateName of Schools	Modern Langua	OccupationI am Interested in {

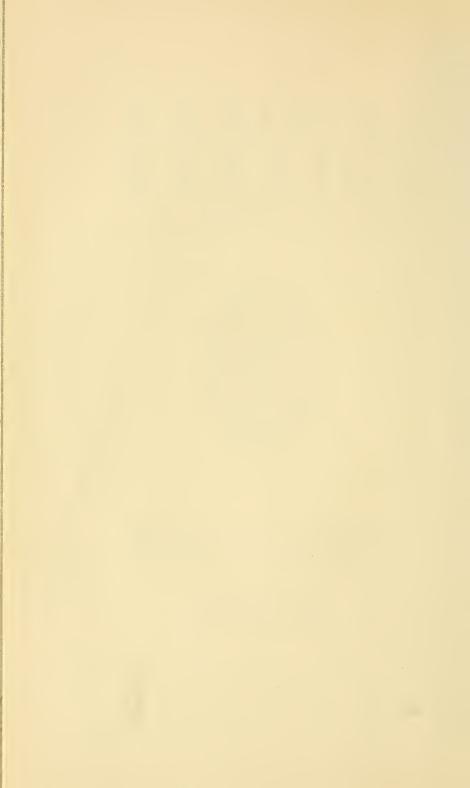


# LA SALLE COLLEGE PHILADELPHIA, PA.



CONDUCTED BY THE BROTHERS
OF THE CHRISTIAN SCHOOLS

1934-1935



# Officers and Faculty

#### OFFICERS OF THE COLLEGE

<del>-- 0 --</del>

REVEREND BROTHER E. ANSELM, F.S.C.

President

REVEREND BROTHER E. FELIX, F.S.C.

Vice-President

REVEREND BROTHER G. LUCIAN, F.S.C.

Dean and Secretary

REVEREND BROTHER EMILIAN, F.S.C.

Registrar

REVEREND BROTHER FREDERICK, F.S.C.

Bursar

#### **BOARD OF MANAGERS**

<del>-- 0 --</del>

# HIS EMINENCE, D. CARDINAL DOUGHERTY Honorary President

# RIGHT REVEREND MONSIGNOR FENTON J. FITZPATRICK

REVEREND BROTHER E. ANSELM, F.S.C.

REVEREND BROTHER E. FELIX, F.S.C.

REVEREND BROTHER DOROTHEUS, F.S.C.

REVEREND BROTHER G. LUCIAN, F.S.C. Secretary

REVEREND BROTHER CLEMENTIUS, F.S.C.

MARTIN J. POWERS, Esq.

WILLIAM T. CONNOR, Esq.

#### **FACULTY**

BROTHER E. ALFRED, F.S.C., A.M., LL.D. Director of Intercollegiate Debate

BROTHER ALPHONSUS, F.S.C., M.S.
Professor of Comparative Anatomy and Embryology

MARTIN BRILL, B.S.
Director of Athletics and Head Football Coach

BROTHER E. CHARLES, F.S.C., A.M., Sc.D. Professor of Chemistry

J. BURRWOOD DALY, A.B., LL.D. Professor of Political Economy

EMIL DOERNENBURG, A.M., Ph.D., Litt.D. Professor of German and French

BROTHER ELIPHUS, F.S.C., A.M. Vocational Guidance

BROTHER EMILIAN, F.S.C., A.M. Professor of Philosophy

BROTHER E. FELIX, F.S.C., A.M., Ph.D., D.F.A. Professor of Education

BROTHER F. PATRICK, F.S.C., A.M., Ph.D., Litt.D. Professor of English

JAMES J. HENRY, B.S.
Instructor in Finance and Assistant Director of Athletics

ROLAND HOLROYD, A.M., Ph.D., Sc. D. Professor of Biology

WILLIAM E. HOWE, A.B., C.P.A. (N. C. and Penn.)
Professor of Accounting

BROTHER D. LUKE, F.S.C., A.B. Instructor Freshman English and Public Speaking

BROTHER G. JOHN, F.S.C., A.M. Professor of Latin and Greek

BROTHER G. JOSEPH, F.S.C., A.M. Professor of Mathematics and Physics

BROTHER G. LEONARD, F.S.C., A.M.
Professor of Sociology
Dean of School of Business Administration

BROTHER G. PAUL, F.S.C., B.S. Instructor in Chemistry

BROTHER E. LOUIS, F.S.C., A.M. Librarian

BROTHER G. LUCIAN, F.S.C., A.M., M.Sc., Sc.D. Professor of Health Education and Sanitation

REV. EDWARD J. CURRAN, A.M., LL.D.
Professor of Philosophy
Special Lecturer in Religion

JOHN D. McELWEE, A.B., M.D.
Assistant Professor of Anatomy and Embryology

MR. THOMAS P. O'NEILL City Editor, *Philadelphia Record* Journalism

JEREMIAH F. O'SULLIVAN, A.M.
Professor of History

GEORGE C. KIEFFER, A.B., M.D.
College Physician and Instructor in Health Education

J. VINCENT TAGGART, A.B., LL.B.
Professor of Business Law
Head Coach of Track

JOSEPH J. SPRISSLER, B.S., in Bus. Adm.
Instructor in Business English and Industrial Geography

LEONARD TANSEER, B.S.
Assistant Director of Athletics and Head Coach of Basketball

MR. GORDON MILLER
Instructor in Dramatics

#### Visiting Instructors in the Summer School

BROTHER E. ALBAN, F.S.C., A.M.
Calvert Hall College
Baltimore, Md.
Latin

BROTHER D. AUGUSTINE, F.S.C., A.M.
St. Thomas College
Scranton, Pa.
Economics

BROTHER F. AZARIAS, F.S.C., A. M. Supervisor, Catholic High School
Pittsburgh, Pa.
Education

BROTHER CLEMENTIAN, F.S.C., A. M.
West Catholic High School
Philadelphia, Pa.
English

BROTHER DOROTHEUS, F.S.C., A. M. St. John's College
Washington, D. C.
Mathematics

BROTHER L. DOROTHEUS, F.S.C., A.M., LL.D.
Catholic High School
Pittsburgh, Pa.
Public Speaking and Debate

BROTHER EMILIAN, F.S.C., A.M., Ph.D.
St. Thomas College
Scranton, Pa.
Philosophy

# BROTHER FELICIAN PETER, F.S.C., A.M. St. Francis Training School Eddington, Pa. Chemistry

BROTHER FLAMIAN, F.S.C., A.M., Ph.D.
St. Thomas College
Scranton, Pa.
Chemistry

BROTHER EPHREM, F.S.C., A.M.
Calvert Hall College
Baltimore, Md.
Latin

BROTHER FRANCIS DE SALES, F.S.C., A.M., Ph.D.
Principal, Catholic High School
Pittsburgh, Pa.
Education

BROTHER FELICIAN JOHN, F.S.C., A.M.

La Salle High School

Cumberland, Md.

Mathematics

BROTHER FELIX FRANCIS, F.S.C., A.M.
Principal, La Salle High School
Philadelphia, Pa.
Economics

BROTHER GERARDIAN, F.S.C., A.M.
West Catholic High School
Philadelphia, Pa.
English and Library Science

BROTHER RICHARD, F.S.C., A.M.
Inspector of Schools
Education

#### **FACULTY COMMITTEES**

Committee on Admissions and Roster

BROTHER E. FELIX, Chairman
BROTHER G. LUCIAN
BROTHER EMILIAN, Secretary

#### Committee on the Standing of Students

BROTHER G. LUCIAN, Chairman

BROTHER G. JOSEPH

BROTHER G. LEONARD

BROTHER EMILIAN, Secretary

#### Committee on Degrees

BROTHER E. ANSELM, Chairman
BROTHER E. FELIX, Secretary
BROTHER G. LUCIAN
BROTHER E. CHARLES
BROTHER FELICIAN PATRICK
BROTHER G. LEONARD
BROTHER G. JOSEPH
BROTHER EMILIAN
PROFESSOR EMIL DOERNENBURG
PROFESSOR ROLAND HOLROYD
PROFESSOR WILLIAM E. HOWE

#### Committee on Extra-Curricular Activities

BROTHER EMILIAN, Chairman
BROTHER G. LEONARD
BROTHER G. JOHN, Secretary
MR. JAMES J. HENRY



## General Information



#### COLLEGE CALENDAR

Applications for admission accompanied by a transcript of the High School record should be filed early in vacation to insure prompt notification from the Committee on Admissions. Address all communications to the Registrar.

September 1 - 22Registration. September 21 Meeting of the Committee on the Standing of Students. September 24-25 Freshmen Report. Organization. September Formal Opening of all Classes. 26 October 3-5 The Annual Retreat. October 12 Columbus Day. Holiday. November 1 All Saints Day. November 12 Mass for Deceased Alumni and Parents. November 22-28 Mid-Semester Tests. November Thanksgiving Recess begins at 3.45 P. M. 28 December Classes resumed at 9.00 A. M. 3 December 18 Christmas Recess begins at 3.45 P. M. January Classes resumed at 9.00 A. M. 3 January Mid-vear examinations. 23-30 31 Holiday. Second semester rosters arranged. January Meeting of Committee on the Standing of Students. Second semester begins at 9.00 A. M. February 1 February Washington's Birthday. Holiday. 22 March 19 St. Joseph's Day. Holiday. Condition examinations. March 25-26-27 April 1-5 Mid-semester tests. April 17 Easter Recess begins at 11.30 A. M. Classes resumed at 9.00 A. M. April 24 May Founder's Day. Feast of St. John Baptist 15 de La Salle. May 23 Examinations for Seniors begin. May 30 Ascension Thursday. Memorial Day. Holiday. May Undergraduate examinations begin. 31 June 12 Commencement.

Condition examinations.

June

24-26

#### HISTORY OF THE COLLEGE

In 1863, the late Most Reverend James Frederick Wood, D.D., then Bishop of Philadelphia, in conjunction with a committee consisting of Brothers of the Christian Schools, Reverend Clergy, and laymen obtained from the State of Pennsylvania a charter incorporating La Salle College in Philadelphia.\*

Their aim was to supply within the limits of Philadelphia the service of a College for higher Catholic education.

The nucleus of La Salle College had already been formed in Septembr, 1862, as the Christian Brothers' Academy attached to St. Michael's parochial School, at 1419 North Second Street. When the number of students became too large for the accommodations afforded by the building on Second Street, the property at the northeast corner of Filbert and Juniper Streets, where the *Philadelphia Bulletin* now stands, was purchased. For nearly twenty years it remained thus centrally located and was a landmark in the Penn Square section until increasing enrollment forced its faculty to seek larger quarters. In September, 1886, it removed to the Bouvier Mansion at the northwest corner of Broad and Stiles Streets.

Increasing numbers again, as well as the demands of modern education, required another removal to a larger site, and in June, 1926, a tract of land at Twentieth Street and Olney Avenue was purchased for the erection of buildings which would meet these requirements. The College and Faculty Buildings were completed in June, 1929, and were occupied in September. Ground was broken for the College Gymnasium and the Preparatory School in May, 1929. These latter buildings were ready for use during the first semester of the school year 1929-1930.

<sup>\*</sup> An act to incorporate La Salle College in the City of Philadelphia, Pa., approved March 20, 1863.

#### SCHOOL OF ARTS AND SCIENCES

#### ENTRANCE REQUIREMENTS

Students who have completed creditably the course of studies of any senior high school approved by the State Department of Public Instruction of Pennsylvania are admitted without examination, providing the studies are preparatory to the department in which the candidates matriculate.

#### COURSES LEADING TO THE DEGREE OF BACHELOR OF ARTS

A candidate for any of the courses leading to the degree of Bachelor of Arts must have fifteen high school units distributed as follows:

English 3	units
American History and Civics1	unit
Algebra (Quadratics included)1	unit
Plane Geometry1	unit
Foreign Language2	units

Seven additional units will be accepted in the following:

Latin, History, French, Mathematics, Spanish, Economics, German, Sociology, Physics, Problems in Democracy, Chemistry, Biology, Physiology and Hygiene, General Science.

In modern languages two units of the same language are required.

#### SCHOOL OF BUSINESS ADMINISTRATION COURSES LEADING TO THE DEGREE OF BACHELOR OF SCIENCE

A candidate for the degree of Bachelor of Science must have fifteen high school units distributed as follows:

#### Required units

English3	units
American History and Civics1	unit
Mathematics1	unit
Modern Language2	units

Eight additional units will be accepted from the general list of requirements for the Bachelor of Arts degree.

Students entering for the courses in Business Administration, who offer Business Law, Bookkeeping, Drawing and most commercial subjects may receive credit but not for Typewriting, Penmanship or Physical Education. In modern languages two units of the same language are required.

Additional credit in Mathematics or Science may be substituted for the foreign language.

Prospective students should file their applications early. Application blanks may be had by applying to the Registrar.

Transcripts of high school records should be mailed as soon as possible by the high school Principal to the Committee on Admission. Forms for this purpose are furnished on application to the Registrar.

Should the number of applicants for courses in Business Administration warrant it, Freshman classes will be organized in February.

#### ADVANCED STANDING

Credits from other colleges are accepted towards advanced standing in courses having a certifying grade. Such entrants shall be required to make up the prescribed subjects of study in the course which they choose to pursue. A complete record of the subjects studied must be mailed by the proper college officer to the Committee on Admissions before any action on the status of the student will be taken.

#### GENERAL REGULATIONS

#### DISCIPLINE

Regular attendance and strict punctuality are essential to success.

If in any one term the number of absences in any subject exceeds twice the number of credit hours in that subject, the student shall be dropped. If for good reason, the Dean and the Professor concerned permit his continuance, he shall not be rated higher than "D" in the specialty for that term.

#### ATTENDANCE

Classes begin at 9.15 A. M.

Students reporting late shall receive a "cut," equivalent to an absence. Each department may penalize absences and lateness by the assignment of grades and of extra work in any manner it may see fit.

Professors have the right to demand the recitations of omitted assignments.

Students are held responsible for information and notices posted on the bulletin board within twenty-four hours after posting.

Smoking is not permitted on the campus nor within the buildings apart from the quarters assigned for it.

Students must procure all class requisites such as books, note paper, dissecting instruments, etc., before recitations begin.

#### **ATHLETICS**

Although the College encourages and supports a reasonable amount of intercollegiate competition, it is always secondary to curricular activities. Students whose academic work is unsatisfactory are ineligible in such competition.

#### STANDING OF STUDENTS

- 1. A student will be listed as a member of the lowest class of which he has not fully satisfied the requirements.
- 2. If at the end of any term, a student has grades of less than "D" in one-half of the credit hours of that term he shall be dropped.

- 3. A student will not be allowed to change from one course to another after the second week of the scholastic year.
- 4. If at the end of the year, a student wishes to change from one course to another, he may do so only with the approval of his adviser and of the Committee on Standing.

No Junior who has failures may enter the Senior class.

A credit is defined as one hour of lecture or recitation, or two hours of laboratory work a week for one semester.

#### EXAMINATONS AND REPORTS

A bulletin, based on the written examinations, is issued at the end of each semester. Bi-monthly tests are given in all classes.

Students awarded scholarships, in whole or in part, must maintain creditable rating in both tests and examinations, otherwise the scholarships will be withdrawn.

The College uses the Quality Point Grading system. In this system the first six letters of the alphabet serve as the grades and are evaluated by points according to the following scale:

F-Failure.

In order to graduate, a student must obtain a total of at least 132 quality points, i. e. maintain a "C" average throughout.

Students who receive a grade of "B" or more in all subjects shall be listed as honor students.

#### REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

La Salle College offers several courses leading to the degree of Bachelor of Arts. These courses meet the needs of those desiring a liberal education and prepare for the professions of law, medicine, dentistry, teaching, journalism and in pure science.

The candidate for this degree must complete a minimum of 132 credits of work, four of which must be in physical education.

By May first of his Freshman year, the candidate selects one of the courses outlined in subsequent pages, on a form provided for the purpose and notifies the Dean of his choice. This choice should be made with the concurrence of the student's adviser. All the work of the Senior year must be done in La Salle College.

No course will be offered unless there are at least eight applicants. The same ruling obtains for a particular subject.

#### REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

The College offers in the School of Business Administration three courses leading to the Degree of Bachelor of Science:

Bachelor of Science (General Business Course).

Bachelor of Science in Preparation for Law.

Bachelor of Science in Accounting.

To obtain the Degree of Bachelor of Science in any of the above groups, the candidate must complete 132 credits in the particular course, four of which must be in physical education.

The same scholastic regulations apply for these courses as are prescribed for the courses in Arts.

All the work of the Senior year must be done in La Salle College.

#### TEACHER PLACEMENT SERVICE

The Appointment Bureau of the College co-operates with the Placement Service, Teacher Bureau, of the Department of Public Instruction, Harrisburg, Pennsylvania, and offers additional facilities for the placement of graduates of the College.

#### FINANCIAL REGULATIONS

Tuition—Payments for each half-year must be made during registration week. Registration is not complete until the Bursar's receipt is obtained for an approved schedule of studies. No refund will be made unless in the case of protracted illness.

Scholarships—Books, fees and other items are not included in any scholarship.

Class Requisites—Books, stationery and other class requisites must be paid for when the purchase is made at book store of the College.

Student Property—The College will not be responsible for books and other property belonging to the student while in his keeping and much less for any such property left at the College.

#### **EXPENSES**

Tuition, half-year	\$100.00
Library, half-year	5.00
Athletics (for the year), paid at registration	20.00
Science courses, half-year	10.00
Breakage Deposit Fee, for each science, for the year	5.00
Microscope, half-year	5.00
The Collegian, for the year	2.00
Religious Activities, half-year	5.00
Matriculation Fee (payable only once)	5.00
Late Matriculation Fee	5.00
Condition Examination Fee, for each subject	2.00
Additional Transcript of Record, in advance	2.00
Graduation Fee	25.00

Boarding Students—Provision is made for a limited number of boarding students.

Board and Tuition, each semcster .....\$300.00

Other fees as above.

## Curricula



## BACHELOR OF ARTS

## In Classics

### FRESHMAN YEAR

Subjects	1st T.	2nd T.	Credits
English 1	3	3	6
History 11		2	4
Mathematics 1, 2		3	6
Latin 9		3	6
Biology 2	4	4	6
Modern Language		3	6
French			
German			

## SOPHOMORE YEAR

Subjects	1st T.	2nd T.	Credits
English 14, 12, 3	. 3	3	6
Philosophy 2, 4			6
Philosophy 7			6
Latin 12, 13	. 3	3	6
Greek 1	. 3	3	6
Modern Language	. 2	2	4
French			
German			

## JUNIOR YEAR

Subjects	1st T.	2nd T.	Credits
English 4, 8	2	2	4
Sociology 1, 4		3	6
Philosophy 5, 6	3	3	6
Latin 14, 15	3	3	6
Greek 2	3	3	6
Electives	3	3	6

## SENIOR YEAR

Subjects	1st T.	2nd T.	Credits
English 5, 13	2	2	4
Sociology 3, 5	2	2	4
Philosophy 13	3	3	6
Latin 16	2	2	4
Greek 3	2	2	4
Electives	4	4	8

## BACHELOR OF ARTS

## In Education

### FRESHMAN YEAR

Subjects	1st T.	2nd T.	Credits
English 1	3	3	6
History 19a, 19b	2	2	4
Economics 11		3	6
Mathematics 1, 2	3	3	6
Biology 2	4	4	6
Modern Language		3	6
French			
German			

## SOPHOMORE YEAR

Subjects	1st T.	2nd T.	Credits
English 14, 12, 3	3	3	6
History 22	2	2	4
Sociology 1, 4	3	3	6
Philosophy 2, 4	3	3	6
Philosophy 7		4	6
Modern Language	2	2	4
French			

German

## JUNIOR YEAR

Subjects	1st T.	2nd T.	Credits
English 4, 8	2	2	4
Philosophy 5, 6		3	6
Political Economy 1		3	6
Economics 12		2	4
Education 17, 4	3	2	5
Education 15, 3	3	3	6
History 13, 14	2	2	4

### SENIOR YEAR

		2nd T.	Credits
English 5, 13	. 2_	2	4
Philosophy 8		3	3
Philosophy 13		3	6
Education 5, 8		2	5
Education 7, 14	. 2	3	5
Observation and Practice with Conference	e 6		6
Electives	3		3
	3	_	· ·

Special arrangements will be made at the end of the Sophomore year in connection with the Major field.

## BACHELOR OF ARTS

## In Journalism

## FRESHMAN YEAR

Subjects	1st T.	2nd T.	Credits	
English 1	3	3	6	
History 19a, 19b	2	2	4	
Economics 11	3	3	6	
Mathematics 1, 2	3	3	6	
Biology 2		4	6	
Modern Language	3	3	6	
French				
German				
SOPHOMORE YEA	AR			
Subjects	1st T.	2nd T.	Credits	
English 14, 12, 3	. 3	3	6	
History 22		2	4	
Sociology 1, 4		3	6	
Philosophy 2, 4		3	6	
Philosophy 7		4	6	
Modern Language		2	4	
French				
German				
JUNIOR YEAR				
JUNIOR YEAR				
	1st T.	2nd T.	Credits	
Subjects		2nd T.	Credits	
Subjects English 4, 8	. 2			
Subjects English 4, 8 History 13, 14	. 2	2	4	
Subjects English 4, 8	. 2 . 2 . 3	${2 \atop 2}$	4 4	
Subjects English 4, 8 History 13, 14 Political Economy 1 Economics 12	. 2 . 2 . 3	2 2 3	4 4 6	
Subjects English 4, 8 History 13, 14 Political Economy 1	. 2 . 2 . 3 . 2 . 3	2 2 3 2	4 4 6 4	
Subjects English 4, 8 History 13, 14 Political Economy 1 Economics 12 Business Law 1	. 2 . 2 . 3 . 2 . 3	2 2 3 2 3	4 4 6 4 6	
Subjects English 4, 8 History 13, 14 Political Economy 1 Economics 12 Business Law 1 Journalism 1, 2	. 2 . 2 . 3 . 2 . 3	2 2 3 2 3 3	4 4 6 4 6 6	
Subjects English 4, 8 History 13, 14 Political Economy 1 Economics 12 Business Law 1 Journalism 1, 2	. 2 . 2 . 3 . 2 . 3	2 2 3 2 3 3	4 4 6 4 6 6	
Subjects English 4, 8 History 13, 14 Political Economy 1 Economics 12 Business Law 1 Journalism 1, 2 Journalism 3, 4	. 2 . 3 . 3 . 3 . 3 . 2	2 2 3 2 3 3	4 4 6 4 6 6 4	
Subjects English 4, 8 History 13, 14 Political Economy 1 Economics 12 Business Law 1 Journalism 1, 2 Journalism 3, 4  SENIOR YEAR	. 2 . 2 . 3 . 2 . 3 . 3 . 2	2 3 2 3 3 2	4 4 6 4 6 6 4	
Subjects English 4, 8 History 13, 14 Political Economy 1 Economics 12 Business Law 1 Journalism 1, 2 Journalism 3, 4  SENIOR YEAR Subjects	. 2 . 2 . 3 . 2 . 3 . 3 . 2	2 2 3 2 3 3 2 2	4 4 6 4 6 6 4 Credits	
Subjects English 4, 8 History 13, 14 Political Economy 1 Economics 12 Business Law 1 Journalism 1, 2 Journalism 3, 4  SENIOR YEAR Subjects English 13 Political Economy 2, 3 Philosophy 5, 6	. 2 . 3 . 3 . 3 . 2	2 2 3 2 3 2 2 2 2 2 2 2 2	4 4 6 4 6 6 4 Credits	
Subjects English 4, 8 History 13, 14 Political Economy 1 Economics 12 Business Law 1 Journalism 1, 2 Journalism 3, 4  SENIOR YEAR Subjects English 13 Political Economy 2, 3 Philosophy 5, 6 Journalism 5, 6	. 2 . 3 . 3 . 3 . 2	2 2 3 2 3 2 2 2 2 2 2 3 3 2	4 4 6 4 6 6 4 4 Credits 2 4 6 6	
Subjects English 4, 8 History 13, 14 Political Economy 1 Economics 12 Business Law 1 Journalism 1, 2 Journalism 3, 4  SENIOR YEAR Subjects English 13 Political Economy 2, 3 Philosophy 5, 6 Journalism 5, 6 Journalism 9, 10	. 2 . 3 . 3 . 2	2 2 3 2 3 2 2 2 2 2 2 3 3 2 3 2 3 3 3 2 3 3 3 2 3	4 4 6 4 6 6 4 Credits 2 4 6 6 6	
Subjects English 4, 8 History 13, 14 Political Economy 1 Economics 12 Business Law 1 Journalism 1, 2 Journalism 3, 4  SENIOR YEAR Subjects English 13 Political Economy 2, 3 Philosophy 5, 6 Journalism 5, 6	. 2	2 2 3 2 3 2 2 2 2 2 2 3 3 2	4 4 6 4 6 6 4 4 Credits 2 4 6 6	

## BACHELOR OF ARTS In Pure Science FRESHMAN YEAR

Clin		0.17	C 1:1
Subjects	1st T.		Credits
English 1	3	3	6
Mathematics 1, 2		3	6
Biology 2		4	6
Chemistry 1		6	8
Modern Language	3	3	6
French			
German			
SOPHO	MORE YEAR		
Subjects	1st T.	2nd T.	Credits
English 14, 12, 3	3	3	6
Philosophy 2, 4		3	6
Mathematics 3, 4		3	6
Physics 1		6	8
Chemistry 2, 4		6	6
Modern Language		2	4
French		_	•
German			
	OR YEAR		
	1st T.	ond T	Credits
Subjects English 4		zna 1.	
		_	$\frac{2}{c}$
Philosophy 5, 6		3	6
Mathematics 5			3
Sociology 1, 4		3	6
Mechanics 3		3	3
Science	6	6	12
Physics			
Chemistry or			
Biology			
Modern Language	2	2	4
French			
German			
SENI	OR YEAR		
Subjects	1st T.	2nd T.	Credits
Philosophy 8	<del></del>	3	3
Political Economy 1	3	3	6
Sociology 3, 5		2	4
Mechanics 2		3,	3
Science		6	12
Physics		Ü	
Chemistry or			
Biology			
Electives	2	2	4
LICCUVES	Z	4	4

## BACHELOR OF ARTS

## In Preparation for Medicine or Dentistry

#### FRESHMAN YEAR

Subjects	1st T.	2nd T.	Credits
English 1	3	3	6
Mathematics 1, 2		3	6
Biology 2	4	4	6
Chemistry 1		6	8
*Modern Language		3	6
French			
German			

#### SOPHOMORE YEAR

Subjects	1st T.	2nd T.	Credits
English 14, 12	2	2	4
Mathematics 3, 4		3	6
Biology 4, 12	5	3	5
Physics 1	6	6	8
Chemistry 2, 4		6	6
Modern Language	. 2	2	4
French			
German			

### JUNIOR YEAR

Subjects	1st T.	2nd T.	Credits
English 4, 8	2	2	4
Philosophy 2, 4		3	6
Philosophy 7	4	4	6
Chemistry 3	7	7	8
Biology 3, 5	6	5	5
Sociology 1, 4	3	3	6

### SENIOR YEAR

Subjects	1st T.	2nd T.	Credits
Philosophy 8	—	3	3
Philosophy 5, 6		3	6
Sociology 3, 5		2	4
Biology 6, 18	6	3	5
Physics 4, 6	4	4	6
Chemistry 5, 6		6	6

\*Economics may be substituted for Modern Language by

Pre-Dental students.

## BACHELOR OF SCIENCE In Business Administration

## GENERAL COURSE

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FRESHMAN YEA			
Subjects	1st T.	2nd T.	Credits
English 1	3	3	6
Economics 11	3	3	6
Economics 13		2	4
Accountancy 1	3	2	6
Accountancy la		2	
Business Law 1		3	6
Modern Language	3	3	6
French			
German			
SOPHOMORE YE	AR		
Subjects	1st T.	2nd T.	Credits
English 30, 3	3	3	6
History 22		3	6
Finance 1		3	6
Business Law 2		2	4
Political Economy 1		3	6
Modern Language		2	4
French			
C			
German			
	•		
JUNIOR YEAR		2nd T	Credits
JUNIOR YEAR Subjects	1st T.		Credits
JUNIOR YEAR Subjects English 14, 12	1st <b>T.</b> 2	2	4
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4	1st T. 2 3	2 3	4 6
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4 Finance 2	1st T 2 3 2	2 3 2	4 6 4
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4 Finance 2 Insurance 1	1st T 2 3 2 3	2 3 2 3	4 6 4 6
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4 Finance 2 Insurance 1 Business Law 3	1st T. 2 3 2 3 2	2 3 2 3 2	4 6 4 6 4
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4 Finance 2 Insurance 1 Business Law 3 Economics 12	1st T 2 3 2 3 2 2 2	2 3 2 3 2 2	4 6 4 6 4
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4 Finance 2 Insurance 1 Business Law 3 Economics 12 Modern Language	1st T 2 3 2 3 2 2 2	2 3 2 3 2	4 6 4 6 4
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4 Finance 2 Insurance 1 Business Law 3 Economics 12 Modern Language French	1st T 2 3 2 3 2 2 2	2 3 2 3 2 2	4 6 4 6 4
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4 Finance 2 Insurance 1 Business Law 3 Economics 12 Modern Language French German	1st T 2 3 2 3 2 2 2 2	2 3 2 3 2 2	4 6 4 6 4
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4 Finance 2 Insurance 1 Business Law 3 Economics 12 Modern Language French German SENIOR YEAR	1st T 2 3 2 3 2 2 2 2	2 3 2 3 2 2 2 2	4 6 4 6 4 4 4
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4 Finance 2 Insurance 1 Business Law 3 Economics 12 Modern Language French German SENIOR YEAR	1st T 2 3 2 3 2 2 2 2	2 3 2 3 2 2 2 2	4 6 4 6 4 4 4 Credits
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4 Finance 2 Insurance 1 Business Law 3 Economics 12 Modern Language French German SENIOR YEAR Subjects English 4, 8	1st T 2 3 2 3 2 2 2 2	2 3 2 3 2 2 2 2 2	4 6 4 6 4 4 4 Credits
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4 Finance 2 Insurance 1 Business Law 3 Economics 12 Modern Language French German SENIOR YEAR Subjects English 4, 8 Sociology 3, 5	1st T 2 3 2 3 2 2 2 2	2 3 2 3 2 2 2 2 2	4 6 4 6 4 4 4 Credits 4
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4 Finance 2 Insurance 1 Business Law 3 Economics 12 Modern Language French German SENIOR YEAR Subjects English 4, 8 Sociology 3, 5 Political Economy 2, 3	1st T 2 3 2 2 2 2 2 2	2 3 2 3 2 2 2 2 2 2	4 6 4 6 4 4 4 Credits 4 4
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4 Finance 2 Insurance 1 Business Law 3 Economics 12 Modern Language French German SENIOR YEAR Subjects English 4, 8 Sociology 3, 5 Political Economy 2, 3 Economics 15	1st T 2 3 2 2 2 2 2 2 2 2 2 2	2 3 2 3 2 2 2 2 2 2 2 2 2	4 6 4 4 4 4 Credits 4 4 4
JUNIOR YEAR Subjects English 14, 12 Sociology 1, 4 Finance 2 Insurance 1 Business Law 3 Economics 12 Modern Language French German SENIOR YEAR Subjects English 4, 8 Sociology 3, 5 Political Economy 2, 3	1st T 2 3 2 3 2 2 2 2 2 2 2 2 2	2 3 2 3 2 2 2 2 2 2	4 6 4 6 4 4 4 Credits 4 4

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Insurance 2 .....

## BACHELOR OF SCIENCE

## In Accountancy

## FRESHMAN YEAR

Subjects	1st T.	2nd T.	Credits
English 1	3	3	6
Economics 11		3	6
Accountancy 1	3	2	6
Accountancy 1a		2	
Business Law 1	3	3	6
Economics 13	2	$^2$	4
Modern Language	3	3	6
French			
German			
SOPHOMORE YEA			
Subjects	1st T.	2nd T.	Credits
English 30, 3	3	3	6
Economics 12		2	4
Accountancy 2		2	4
Accountancy 2a	2	2	2
Business Law 2	2	2	4
History 22	3	3	6
Finance 1	3	3	6
Modern Language	2	<b>2</b>	4
French			
German			
German  JUNIOR YEAR			
JUNIOR YEAR Subjects	1st T.	2nd T.	Credits
JUNIOR YEAR	1st T.	2nd T.	Credits 4
JUNIOR YEAR Subjects	1st T.		
JUNIOR YEAR Subjects English 14, 11	1st T 2 3	2	4
JUNIOR YEAR Subjects English 14, 11 Sociology 1, 4	1st T 2 3 2	2 3	4 6
JUNIOR YEAR Subjects English 14, 11 Sociology 1, 4 Accountancy 3	1st T 2 3 2 2	2 3 2	4 6 4
JUNIOR YEAR Subjects English 14, 11 Sociology 1, 4 Accountancy 3 Accountancy 3a Accountancy 4 Accountancy 4a	1st T 2 3 2 2 2 2 2	2 3 2 2	4 6 4 2
JUNIOR YEAR Subjects English 14, 11 Sociology 1, 4 Accountancy 3 Accountancy 3a Accountancy 4	1st T 2 3 2 2 2 2 2	2 3 2 2 2	4 6 4 2 4
JUNIOR YEAR Subjects English 14, 11 Sociology 1, 4 Accountancy 3 Accountancy 3a Accountancy 4 Accountancy 4a	1st T 2 3 2 2 2 2 2	2 3 2 2 2 2	4 6 4 2 4 2
JUNIOR YEAR Subjects English 14, 11 Sociology 1, 4 Accountancy 3 Accountancy 3a Accountancy 4 Accountancy 4a Business Law 3 Finance 2 Finance 3	1st T 2 3 2 2 2 2 2	2 3 2 2 2 2 2 2	4 6 4 2 4 2 4
JUNIOR YEAR Subjects English 14, 11 Sociology 1, 4 Accountancy 3 Accountancy 3a Accountancy 4 Accountancy 4a Business Law 3 Finance 2	1st T 2 3 2 2 2 2 2	2 3 2 2 2 2 2 2 2	4 6 4 2 4 2 4 4
JUNIOR YEAR Subjects English 14, 11 Sociology 1, 4 Accountancy 3 Accountancy 3a Accountancy 4 Accountancy 4a Business Law 3 Finance 2 Finance 3 SENIOR YEAR Subjects	1st T 2 3 2 2 2 2 2	2 3 2 2 2 2 2 2 2 2	4 6 4 2 4 2 4 4
JUNIOR YEAR Subjects English 14, 11 Sociology 1, 4 Accountancy 3 Accountancy 3a Accountancy 4 Accountancy 4a Business Law 3 Finance 2 Finance 3 SENIOR YEAR Subjects Philosophy 2, 4	1st T 2 3 2 2 2 2 2	2 3 2 2 2 2 2 2 2 2	4 6 4 2 4 2 4 4 4
JUNIOR YEAR Subjects English 14, 11 Sociology 1, 4 Accountancy 3 Accountancy 3a Accountancy 4 Accountancy 4a Business Law 3 Finance 2 Finance 3 SENIOR YEAR Subjects Philosophy 2, 4 Political Economy 1	1st T 2 3 2 2 2 2 2 2 2 3 3	2 3 2 2 2 2 2 2 2 2 2 2	4 6 4 2 4 2 4 4 4 4 Credits
JUNIOR YEAR Subjects English 14, 11 Sociology 1, 4 Accountancy 3 Accountancy 3a Accountancy 4 Accountancy 4a Business Law 3 Finance 2 Finance 3 SENIOR YEAR Subjects Philosophy 2, 4 Political Economy 1 Economics 15	1st T 2 3 2 2 2 2 2 2 2 2 3 3 3	2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 6 4 2 4 2 4 4 4 Credits
JUNIOR YEAR Subjects English 14, 11 Sociology 1, 4 Accountancy 3 Accountancy 3a Accountancy 4 Accountancy 4a Business Law 3 Finance 2 Finance 3 SENIOR YEAR Subjects Philosophy 2, 4 Political Economy 1 Economics 15 Business Law 4	1st T 2 3 2 2 2 2 2 2 2 3 3 3 3 2 2	2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 6 4 2 4 2 4 4 4 Credits 6 6
JUNIOR YEAR Subjects English 14, 11 Sociology 1, 4 Accountancy 3 Accountancy 3a Accountancy 4 Accountancy 4a Business Law 3 Finance 2 Finance 3 SENIOR YEAR Subjects Philosophy 2, 4 Political Economy 1 Economics 15 Business Law 4 Finance 4 or Insurance 1	1st T 2 3 2 2 2 2 2 2 3 3 3 3 2 2	2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 6 4 2 4 2 4 4 4 5 Credits 6 6 4
JUNIOR YEAR Subjects English 14, 11 Sociology 1, 4 Accountancy 3 Accountancy 3a Accountancy 4 Accountancy 4a Business Law 3 Finance 2 Finance 3 SENIOR YEAR Subjects Philosophy 2, 4 Political Economy 1 Economics 15 Business Law 4	1st T 2 3 2 2 2 2 2 2 3 3 3 3 2 3 4	2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 6 4 2 4 4 4 4 Credits 6 6 4 4

## BACHELOR OF SCIENCE In Preparation for the Law

## FRESHMAN YEAR

Subjects	1st T.	2nd T.	Credits
English 1		3	6
History 19a, 19b		2	4
Economics 11		3	6
Biology 2	4	4	6
Business Law 1	3	3	6
Modern Language		3	6
French			
German			
SOPHOMORE YE	AR		
Subjects	1st T.	2nd T.	Credits
Subjects English 14, 12, 3		2nd T. 3	Credits 6
English 14, 12, 3	3		
	3	3	6
English 14, 12, 3 History 22	3 2	3 2	6 4
English 14, 12, 3 History 22 Philosophy 2, 4	3 2 3	3 2 3	6 4 6
English 14, 12, 3 History 22 Philosophy 2, 4 Philosophy 7	3 2 3 4	3 2 3 4	6 4 6 6
English 14, 12, 3 History 22 Philosophy 2, 4 Philosophy 7 Finance 1	3 2 3 4 3 2	3 2 3 4 3	6 4 6 6 6
English 14, 12, 3 History 22 Philosophy 2, 4 Philosophy 7 Finance 1 Business Law 2	3 2 3 4 3 2	3 2 3 4 3 2	6 4 6 6 6 4
English 14, 12, 3  History 22  Philosophy 2, 4  Philosophy 7  Finance 1  Business Law 2  Modern Language	3 2 3 4 3 2	3 2 3 4 3 2	6 4 6 6 6 4

#### JUNIOR YEAR

Subjects	1st T.	2nd T.	Credits
English 4, 8	2	2	4
Sociology 1, 4	3	3	6
Economics 12		2	4
Political Economy 1	3	3	6
History 13, 14		2	4
Philosophy 5, 6	3	3	6
Business Law 3		<b>2</b>	4

## SENIOR YEAR

Subjects	1st	T.	2nd T.	Credits
History 15a, 15b		2	<b>2</b>	4
History 16		2		2
Philosophy 8			3	3
Finance 2			2	4
Economics 15		2	2	4
Political Economy 2, 3		<b>2</b>	2	4
Business Law 4			2	4
Philosophy 13		3	3	6

# **Departments**



#### ACCOUNTING

1. Introduction to Accounting—The Accounting Equation;
The principle of Debit and Credit; books of original record; how they should be kept, and how utilized; documents employed in connection with them; sales, purchases, consignments, and how to handle them; returns inward and returns outward; subsidiary ledgers; special ledgers and controlling accounts to represent them in the general ledger; special forms of cash-book required to facilitate such control; notes and drafts; discounting and renewal of notes, and the proper methods of treating these operations in the accounts; single entry, how to change to double entry, and vice versa; distinction between revenue and capital expenditures; trading, and profit and loss statements and balance sheet; single proprietorships.

(3 hours first semester; 2 hours second semester.)

1A. Laboratory—Basic work as prepared in the first semester of Accounting 1, sets of books and a variety of miscellaneous transactions are worked out to illustrate fundamental principles. The books and papers are identical with those used in practice exercises and problems are taken from actual cases.

(2 hours second semester.)

Advanced Accounting-A general course dealing with the principles of higher accounting and their application. The course includes lectures and discussions on the following subjects: Problems that occur in connection with partnership; the deed of partnership; rights of partners; effects of dissolution; methods of distributing profits; the bringing in of other partners; goodwill; transformation of a firm into a corporation; departmental accounts; organization and records required; sectional balancing of ledgers and systems of internal check; analysis of expenses; distribution of expenses over departments; results in each department; manufacturing accounts; the elements of cost accounting; records and methods of providing for purchases, depreciation, allowances and reserves. Development of columnar books, and the voucher system. Prerequisite, Accounting 1.

2A. Laboratory.—The work of Accounting 2 applied. Actual problems relative to the work covered will be worked out in class under the supervision of the instructor. This will enable the student to apply and discuss the principles of Accounting 2.

(2 hours, 2 semesters.)

3. Cost Accounting.—Discussion of the necessity, importance and place of cost accounting in modern enterprises; the control of stores; purchasing and issuing, the running inventory; quality, remuneration, and control of labor, methods of distributing overhead expenses or "burden" and their limitations; calculation of machine-rates; waste and leakage in factories; idle time; forms used in different "job and process" costing systems; budget control; the installation and operation of systems of standard costs. Prerequisites, Accounting 1, 2.

(2 hours, 2 semesters.)

3A. Laboratory.—The solution of actual problems and cases; comparison and analysis of the cost systems of corporations; working out of cost sets; practice in the work outlined under Accounting 3.

(2 hours, 2 semesters.)

4. Auditing.—Underlying principles. The duties and liabilities of accountants and auditors; qualifications and the canons of professional ethics. Practical instruction as to the purpose and conduct of the audit; detection of fraud and defalcations; discussion of methods of internal check and the detection of fraud. Considerations applicable to all undertakings, and special considerations applicable to particular concerns. A part of the course is devoted to the accounting principles involved in the preparation of income tax returns for individuals, partnerships, and corporations. Prerequisites, Accounting 1, 2.

(2 hours, 2 semesters.)

4A. Laboratory.—The actual auditing of books and sets of books prepared, from actual cases, by the students of the accounting course in their laboratory work. The auditing of problems embracing fraud and defalcation.

(2 hours, 2 semesters.)

5. Practical Accounting Systems.—Application of principles to accounting systems of various types of businesses; building and loan associations; insurance companies; banks; department stores, public utilities, and railroads; the principles underlying revenue and expense and fund systems of accounts as applied to the records of municipalities. Lectures and laboratory work supplemented by practical problems. Prerequisites, Accounting 1, 2.

(2 hours lecture, 2 hours laboratory, 2 semesters.)

6. Certified Public Accountant Course.—Mergers; consolidated statements and balance sheets; holding corporations; partnership adjustments; accounts of executors and trustees and law involved; insolvency in connection with realization and liquidation. Problems given in recent State Board examinations, as well as those sets presented by the Board of Examiners of the American Institute of Accountants. Prerequisite, senior rating.

(2 hours lecture, 2 hours laboratory, 2 semesters.)

#### BIOLOGY

1. General Botany.—An introductory course including in the first semester, a study of the form, structure and life processes of flowering plants. The second semester embraces life-history studies of plant life: bacteria, algae, fungi, liverworts, mosses, ferns, cycads, conifers and the leading groups of angiosperms are studied. Laboratory work is supplemented by plant analysis.

(2 hours lecture, 2 hours laboratory, 2 semesters.)

2. General Zoology.—A course dealing with the characteristics of living matter, cell structure, and the study and dissection of selected types from the protozoa to the amphibia inclusive. Invertebrate zoology first semester; vertebrate, second semester.

(2 hours lecture, 2 hours laboratory, 2 semesters.)

3. Mammalian Anatomy.—In this course the cat is used as a type of the higher mammalia to familiarize the student with the close mechanical inter-relation between bones and muscles and for training in dissection. Comparisons and contrasts with human anatomy will be made throughout the course. Prerequisites, Biology 2 and 4. Juniors and Seniors only.

(6 hours laboratory, 1 semester.)

4. Comparative Anatomy.—This course embraces the comparative study of typical chordates from Amphioxus to the Aves to supplement the work of Biology 2. Sophomore standing requisite.

(4 hours laboratory, 2 hours lecture, 1 semester.)

5. Histology.—The student is trained to distinguish the various characteristics of the different tissues, with special reference to the human body. Prerequisites, Biology 2, 3 and 4. For Juniors or Seniors only.

(4 hours laboratory, 1 semester.)

Embryology.—The fundamental processes underlying vertebrate development are studied. The frog, chick and pig will form the basis of instruction. Seniors only.
 (6 hours laboratory, 1 lecture, 1 semester.)

10. Personal Hygiene and School Sanitation.—

(2 hours, 1 semester.)

11. Biological Micro-Technique.—Practice in killing, fixing, dehydrating, imbedding, sectioning, staining and mounting animal and plant tissue for microscopic study. Seniors or Juniors only.

(4 hours laboratory, 1 semester.)

12. Organic Evolution and Genetics.—A lecture course outlining briefly the history of the development of evolutionary science and presenting the evidences of organic evolution together with the leading theories advanced, such as those of Lamarck, Darwin, DeVries and Nageli; the scope and method of genetics or modern experimental evolution; Mendel's law of heredity as applied to plants and animals. Prerequisites, Biology 1 and 2.

(2 hours lecture, 1 semester.)

18. Human Osteology. Advanced course.—The growth and development of bone; its microscopic structure; bone marrow, its kind, its function; the microscopic study of the principal bones of the body and their interrelations with the muscles. Open to Seniors only.

Omitted 1934-35 (3 hours, 1 semester.)

21. History of Biology.—The early philosophical beginnings of the science and its subsequent development; the principal epochs; the rise of the "research method" and present day fields of active biological investigation. Readings, reports and discussions.

(2 hours, 1 semester.)

Seminar.—A seminar is conducted from time to time throughout the year to further the work of the department. Papers are read by the students. Visiting professors are invited to address the group.

#### BUSINESS LAW

The Law of Contracts.—Formation with its essentials;
 Operation; Interpretation and Discharge. Damages.
 Equitable Remedies. Negotiable Instruments.

(3 hours, 2 semesters.)

2. The Law of Business Association.—Agency; classes. The relation and the parties; relationship resulting from contract, ratification necessary, estoppel and by law. Rights and obligations of principals, agents and third parties. Terminations.

Partnership: Essentials of partnership and legal effect of relationship. Duties and rights of partners inter se. Powers of partners and their liabilities. Dissolution and termination.

Corporations: Nature, classes, purpose, names, powers, by-laws, promotion. Membership: its acquisition and transfer. Stockholders: their meetings, rights and liabilities. Directors and other corporate officers. Mergers. Terminations.

(2 hours, 2 semesters.)

3. Personal and Real Property.—Its nature, divisions, original and derivative acquisition and transfer. Lost, mislaid, and abandoned property with rights and duties of the owners and others therein. The law as to occupancy, adverse possession, accretion, gifts, and confusion. Limited property rights: bailments with rights and duties of bailors, bailees and third parties. Sales based on the Uniform Sales Act with its requirements on the formation of contract, subject matter, conditions, warranties, title and its evidences, with remedies of the seller and

remedies of the buyer. The Bulk Sales Act with its provisions and applications. Suretyship and Guaranty. Laws and principles connected with the ownership, sale, leasing and management of real estate. The history of property, kinds of property, party walls, ground rents, restrictions, titles, liens, deeds, mortgages. Certain specialized branches of business centering around real estate, such as real estate brokerage, building and loan associations, searches, abstracts of title, title insurance and settlements are considered.

4. Decedents' Estates—Law of Evidence.—The Law of Decedents' Estates and Trust Estates. Wills. Crimes with particular attention to forgery, larceny, false pretenses, embezzlement, larceny by bailee, and other statutory crimes which concern business men.

(2 hours, 2 semesters.)

#### CHEMISTRY

General Inorganic Chemistry.—During the first semester
the non-metallic elements and their compounds are
studied and chemical laws and theories are expounded.
Metallic elements and their compounds are considered
during the second semester. Suitable illustrative experiments are performed in the laboratory during both
semesters.

(2 hours lecture, 4 hours laboratory, 2 semesters.)

- 2. Qualitative Analysis.—The principles and theories of chemistry are applied to the detection and separation of the common metallic and non-metallic ions. In the laboratory, unknown substances and mixtures are analyzed for their constituent ions.
  - (2 hours lecture, 4 hours laboratory, 1 semester.)
- 3. Organic Chemistry.—The principles of chemistry are extended and applied to the study of carbon compounds, including both aliphatic and aromatic derivatives. In the laboratory, typical organic compounds are prepared and studied.
  - (2 hours lecture, 4 hours laboratory, 2 semesters.)

4. Quantitative Analysis.—First volumetric methods and then gravimetric methods of analysis are considered. In the classroom, the theory and calculations of quantitative analysis are discussed.

(2 hours lecture, 4 hours laboratory, 1 semester.)

5. Physiological Chemistry.—The study of the composition, reactions and products of living material together with a discussion of the carbohydrates, fats and proteins. In the laboratory, food-stuffs, blood, urine and digestive juices are studied and analyzed.

(2 hours lecture, 4 hours laboratory, 1 semester.)

6. Physical Chemistry.—The elementary theoretical principles applicable to all branches of chemistry are studied and illustrated, principally through the solution of numerous problems. Laboratory experiments to illustrate these principles are performed.

(2 hours lecture, 4 hours laboratory, 1 semester.)

7. Chemical History and Literature.—Researches into the sources of information important to chemists and scientists in general. Numerous articles in chemical journals both American and foreign, are to be read and reported on, in the form of essays.

(2 hours, 1 semester.)

8. Advanced Quantitative Analysis.—The principles of physical chemistry, as applied to the theory of quantitative analysis are strongly emphasized. The laboratory work includes the calibration of apparatus, ore analysis and special methods of quantitative analysis, such as colorimetric analysis and determinations and potentiometric titrations.

Omitted 1934-35 (Hours to be arranged.)

 Advanced Organic Chemistry.—A comprehensive consideration of the general and specific methods of organic syntheses, together with the theoretical consideration of the structure and reactions of organic compounds.

Omitted 1934-35 (Hours to be arranged.)

#### **ECONOMICS**

11. Principles of Economics.—An introductory course, designed to acquaint the student with fundamental economic concepts, principles and problems.

(3 hours, 2 semesters.)

12. Economic Problems.—Public policies relating to money, banking, international trade, taxation, labor problems, tariff, railroad and trust problems, government ownership. Prerequisite, Economics 11.

(2 hours, 2 semesters.)

13. Economic Resources of the United States.—The various producing areas of the United States are studied. A study of raw products and manufacturing. Policies of conservation and exploitation are discussed.

(2 hours, 2 semesters.)

14. Corporation and Trade Problems.—Trust problems as presented in the United States. Rise and progress of industrial combinations, forms of organizations and policies of typical combinations, common law and trusts, anti-trust acts and their results and other proposed solutions of problems.

(2 hours, 1 semester.)

15. The History of Economics.—The development of economic doctrine by various schools of economic thought. The economic life and practices of the people of antiquity; the period of the Middle Ages; the Eighteenth Century. Smith, Ricardo, Mill.

(2 hours, 2 semesters.)

#### **EDUCATION**

Principles of Education.—The basic ideas underlying educational practice. The guiding motives in teaching. Various philosophic views regarding the nature and the needs it is to supply, are studied. Modern views contrasted with traditional principles, compared and evaluated.

Omitted 1934-1935 (3 hours, 1 semester.)

2. Visual Education.—A course in the use and manipulation of various devices in visual education.

Omitted 1934-1935 (2 hours, 1 semester.)

3. Educational Psychology.—A practical course applying the principles of psychology to educational methods. The acquisition of study habits are investigated. Problems concerning learning, individual capacities and differences, and the transfer of training are studied. The value of interest, attention and memory are discussed. General psychology is a prerequisite.

(3 hours, 1 semester.)

 General Methods.—A survey of the principles which underlie classroom procedure. A study of the various forms of teaching proposed. The psychological and logical viewpoints compared. Inductive and deductive methods. Analysis and synthesis.

(2 hours, 1 semester.)

5. Special Methods.—This course investigates methods suitable to various courses of instruction. The aim of the course is to qualify prospective teachers to specialize in their chosen fields.

(3 hours, 1 semester.)

6. The Junior High School.—A study of the Junior High School movement; the nature and special functions of the Junior High School; the curriculum, special methods of guidance, instruction and supervision.

Omitted 1934-35 (2 hours, 1 semester.)

- 7. History of Education.—Ancient and Mediaeval.—The development of formal education from the earliest nations. A detailed study of leading characters; educational movements. Their effect on educational history.

  A comparison with modern thinkers and their views.

  Particular stress on Scholasticism and the Universities.

  (2 hours, 1 semester.)
- 8. History of Education—Modern.—The story of education as it developed from mediaeval times to our own day. The outstanding educators who brought about this development. The spread of education in recent times, and a comparison of American education with European systems. Educational leaders and movements of today.

9. School Management.—A course providing prospective teachers with practical insight into control of the classroom.

The various methods, devices and appliances to insure co-operation from the pupils in the educative process.

Discussion of various problems.

Omitted 1934-1935 (2 hours, 1 semester.)

School Administration.—A general survey of the aim, organization and procedure in the administration and management of the school. The duties of the superintendent, principal and supervisor.

Omitted 1934-1935 (2 hours, I semester.)

11. Observation.—Observation of classroom procedure in local high schools.

(Hours to be arranged.)

12. Practice.—Given in conjunction with Education 11.

(Hours to be arranged.)

 Educational Measurements.—An introduction to the nature, purpose and technique of modern testing in secondary schools.

(2 hours, 1 semester.)

14. Principles of High School Teaching.—This course includes the following topics: outcomes of teaching; questioning; assignments; planning the instruction; appreciation teaching; problem and project teaching; organization and procedure; drill lessons, visual aims; socialized class procedure; directed study; measuring the results of teaching; marks and marking; classroom routine.

(3 hours, 1 semester.)

15. Secondary Education.—Principles of secondary education; physical and mental traits of high school pupils. Place and function of the public high school. Selection and organization of the study program.

(3 hours, 1 semester.)

17. Introduction to Education.—A brief presentation of the development, meaning, scientific basis, methods and the fundamental problems of instruction.

#### **ENGLISH**

Courses 1, 14 and 4 are prerequisites for all English courses excepting 3.

1. Prose Composition.

(3 hours, 2 semesters.)

- 3. Public Speaking.—The fundamentals of speech composition.
  (1 hour, 2 semesters.)
- 4. American Literature.—A survey of the literature of America from Colonial Times to the present day.

(2 hours, 1 semester.)

5. Literary Criticism.—A study of the fundamental principles of literature and style; practice in construction; reports on assigned readings; applications of principles of literary criticism to American and English authors.

(2 hours, 1 semester.)

8. An Introduction to Shakespeare.—Shakespeare in relation to his predecessors and to his contemporaries in the drama; the facts of his life; the circumstances of authorship, stage production, and publication; a critical reading of one or more plays.

(2 hours, 1 semester.)

9. Nineteenth Century Poetry.—English Poetry from the beginning of the Romantic Movement to 1900.

Omitted 1934-1935 (2 hours, 1 semester.)

10. Nineteenth Century Prose.—The prose authors, 1800-1900, exclusive of fiction.

Omitted 1934-1935 (2 hours, 1 semester.)

11. Argumentation and Debate.—The preparation of briefs and the public delivery of debates.

(2 hours, 1 semester.)

12. The English Novel. A survey of the growth of the novel in England from its origins in the early romances to the beginning of the present century.

- 13. Philosophy of Literature.—Origin and function of literature; influencing agencies in literature; characteristics of ancient and modern literature. The literary artist.

  (2 hours, 1 semester.)
- 14. A Survey of English Literature.—An outline of the development of the literature of England by periods.

(2 hours, 1 semester.)

- 17. The History of English Language.—The English language in its relation to the history of the people; its general development from the beginning of historic times.

  Omitted 1934-1935 (2 hours, 1 semester.)
- 19. Contemporary Prose.—The essayists of England and America in the last quarter of a century.

(2 hours, 1 semester.)

25. The Catholic Element in Modern English Literature.—A study of the influence of Catholic thought and tradition from 1550 to the present day.

Omitted 1934-1935 (2 hours, 1 semester.)

26. Catholic Controversial and Philosophical Prose in the Nineteenth and Twentieth Centuries.

Omitted 1934-35 (2 hours, 1 semester.)

 Business English.—A study of the principles of business correspondence, and of their application to the forms of modern business writing.

(2 hours, 2 semesters.)

#### FINANCE

- Money and Credit.—The qualities of sound money, the gold standard, money systems of the U. S.; State banking; banking statements and statistics. The Federal Reserve System. Practical problems in modern banking. (3 hours, 2 semesters.)
- Stock Markets.—Organization and function of exchanges.
   Regulations of New York Stock Exchange. Types of dealers and brokers. Contract and orders. Listing and transfer of securities. Methods of buying and selling

unlisted securities. Clearing house systems. Nature and use of future contracts. Market news and its transfer.

(2 hours, 2 semesters.)

3. Corporation Finance.—Corporate organization in modern business; its legal organization; classification of the instruments of finance; promotion, underwriting, capitalization, earnings, expenses, surplus, insolvency, receivership, reorganization and regulation.

(2 hours, 2 semesters.)

4. Investments.—Markets and their influence on the price of securities. Elements of sound investments and methods of computing earnings, amortization, rights. Government, municipal, railroad, steamship, real estate, street railway, industrial and oil securities as investments.

(2 hours, 2 semesters.)

#### FRENCH

Elements.—Introductory French grammar and reading.
 This course does not credit in the minimum language requirements for the degree.

(3 hours, 2 semesters.)

2, 3. Intermediate Grammar and Composition. Intermediate Reading.—Class reading and assigned texts to be read out of class.

(3 hours, 2 semesters.)

- 5. Prose Reading.—Reading and discussion of selected classics.
  (2 hours, 2 semesters.)
- 8. History of French Literature.—The development of the literature of France to the end of the sixteenth century; representative readings.

(2 hours, 1 semester.)

 History of French Literature.—The development of the literature of France from the seventeenth century to the present day; assigned readings and reports.

Scientific French.—Selected readings from scientific treatises.

(2 hours, 1 semester.)

11. The Classic Dramatists.—Class reading, discussions, and reports on Corneille, Moliere, and Racine.

Omitted 1934-1935 (2 hours, 2 semesters.)

12. The French Novel.—The development of the novel in France from the beginning to the end of the nineteenth century; readings and reports.

Omitted 1934-1935 (2 hours, 2 semesters.)

#### GERMAN

1. Elementary German.—Grammar and reading. This course does not credit in the minimum language requirement for the degree.

(3 hours, 2 semesters.)

Reading of Literary Prose.—Grammar and Composition.
 —Review of grammar and written exercises. Prerequisite, German 1.

(3 hours, 2 semesters.)

5. Goethe's and Schiller's Dramas.—Reading of selected texts.

Goethe's "Iphigenia" or "Tasso"; Schiller's "Maria
Stuart" or "Die Jungfrau von Orleans."

(2 hours, 1 semester.)

Reading of Scientific Prose.—Prerequisite, German 2 and
 Required of all students taking science as their major. Required of all Pre-Medical students.

(2 hours, 1st semester.)

7. Advanced Scientific Prose.—Prerequisite, German 6. Course restricted to the field of medicine.

(2 hours, 2nd semester.)

8. History of German Literature.—Lectures, onelhour throughout the year. Prerequisites, German 5 and 6.

(1 hour, 2 semesters.)

Nineteenth Century German Drama.—Lectures and readings of selected works of Kleist, Grillparzer, Hebbel,
Hauptmann and other dramatists. Prerequisites, German 5 and 7.

Omitted 1934-1935 (3 hours, 1st semester.)

 Contemporary German Drama.—Lectures on Naturalism, Neo-Romanticism, Symbolism and Expressionism together with the reading from representative authors. Prerequisites German 7 and 8.

Omitted 1934-1935 (3 hours, 2nd semester.)

11. Modern German Lyrics.—Lectures and reading of selected texts. Prerequisites, German 5 and 7.

(2 hours, 1st semester.)

12. The German Novel of the Nineteenth Century.—Lectures and readings of selected texts. Prerequisites, German 5 and 8.

(2 hours, 2nd semester.)

13. Goethe's Faust.—Lectures on the genesis of the drama and interpretation of the text. Prerequisites, German 8 and 9.

Omitted 1934-1935 (3 hours, 2nd semester.)

#### GREEK

Elementary Greek.—A study of elementary Greek grammar and word forms, with readings and practice in translation from Xenophon's Anabasis, Prose composition.

(3 hours, 2 semesters.)

 Xenophon and Homer.—A continuation of the Anabasis; prose composition; review of forms and study of syntax. The Iliad, I-V, second semester.

(3 hours, 2 semesters.)

3. Plato.—The Republic I-III. Selections from remaining books, Composition.

(2 hours, 2 semesters.)

4. Homer.—The Odyssey, selections; Lysias, selections; Demosthenes, On the Crown. Composition.

#### HISTORY

11. The Ancient World.—A brief survey of the oriental civilizations which influenced the Greeks; a study of the more important phases of Greek civilization; a study of the history of Rome from the beginning to the disintegration of the Empire. Particular attention will be given to Roman organizations and administration.

(2 hours, 2 semesters.)

The Middles Ages (300 to 1300).—The land and the 13. people; the Roman Empire; Christianity; the early Germans; Migrations; reactions under Justinian; the Papacy; Monasticism; Roman Law; German Law; fusion of the two civilizations; Mohammed; the Koran; conquests of the Moslems; the Franks; Charles the Great; the New Empire; decline of the Carolingian Empire; Northmen and Normans; Feudalism; the Church in the 9th and 10th centuries; the German-Roman Empire; the Investiture struggle; Chivalry; the Byzantine Empire; Saracen civilizations; the Crusades; the Popes and Hohenstaufens; the new nations: France. England, Spain; Scandinavian kingdoms; the Slavs; village and manor (England); commerce; rise of towns; education; universities; the Church in the 13th century; heresies of the 12th and 13th centuries; Canon law; literature of the 12th and 13th centuries.

(2 hours, 1 semester.)

14. Europe in Transition (1300 to 1500).—Conflicts of Boniface VIII, with the secular rulers; the Popes at Avignon (1309-1376); the Great Schism; the Councils and the aftermath; England and France; also the Spanish Peninsula (1300-1500); Germany (1273-1500); Italy (1300-1500); the Monarchical State; literature and learning; painting; agriculture, industry, commerce, exploration (1300-1500); the religious revolution.

(2 hours, 1 semester.)

15a. Modern Europe (1500-1815).—The rise of modern culture based on the tenets of the religious revolution; the advent of colonial imperialism derived from the "Companies" which developed under the Tudors and carly Stuarts; the evolution of political thought which culminated in the French Revolution and the creation of the Napoleonic empire the age old rivalry of France and Germany which holds the center of the European political stage down to the present.

15b. Modern Europe (1815-1914).—The reaction to liberalism culminating in the mid-century revolution era; the period of intense national unification and consolidation; colonial imperialism and intense rivalry; the "Drang nach Osten"; survey of European diplomacy and its complications from 1870-1914.

(2 hours, 1 semester.)

16. English Constitutional History.—From the Teutonic conquest to the Norman conquest; the Norman conquest; reign of the Norman and first Angevin kings; Magna Charta; administrative system under the Norman and Plantagenet kings; the succession to the Crown; origin and growth of Parliament; Parliament under Lancasterian and Yorkist kings; the Tudor period; the religious revolution in England; the Stuart period (1) 1603-1629; (2) 1629-1660; (3) 1660-1689; the "Glorious Revolution." Progress of the Constitution since the Revolution; Act of Settlement; the Cabinet system; kingship since the revolution; the House of Lords; the house of Commons; growth of religious liberty; liberty of the press.

(2 hours, 1 semester.)

19a. English History to 1485.—Prehistoric Britain; coming of the Romans; Roman ruins excavated today in Verulamium, Lincolnshire, etc., coming of the Saxons, Angles, Jutes, as part of European migrations; the Danes, Danelan, Danegeld; events and marriages leading to the Norman Conquest; the Norman Conquest; introduction of a peculiar type of feudalism; Angevin Kings; Lancaster and York. Introduction of Christianity under Rome; the "Celtic" Church; the coming of the "Latin" Church; rise of parishes; Dunstan, Lanfranc, Anselm, Stephen Langton, Robert Grosseteste, Chichele; coming of the Orders. Roman trade; Flemish trade and manufacturing; wool trade; the staple; adventures; crafts and guilds.

(2 hours, 1 semester.)

19b. England (1485-1914).—Tudor Dynasty; Stuart Dynasty; the coming of the Hanoverians; the reign of Victoria; the period of "grand isolation"; reforms and reform movement from 1760-1914; social "betterment"; colonial empire and European complications; alliance or

"Entente?" Dissolution of the Church under Henry VIII. culminating in Cranmer's Prayer Book, 1582; reaction under Mary; "Elizabethian settlement"; Stuarts and Parliament; triumph of Parliament and the House of Commons to the Parliament Act of 1911.

(2 hours, 1 semester.)

20. United States History.—Colonial period; origin and development of our institutions; the Revolution; formation and adoption of the Federal Constitution; the social and political life of the period; the Civil War; the reconstruction period; the chief events in domestic politics and foreign relations to the present time.

(2 hours, 2 semesters.)

21. Church History.—Religious aspect of the world before the coming of Christ. Apostolic times and the primitive Church; persecutions; spread of Christianity; constitution and organization of the Church; religious life; heresies and schisms; literature; the Papacy; Church and State; the crusades; Renaissance; Christian art and philosophy. The rebellion of Luther to the Peace of Westphalia; the French revolution to the downfall of Napoleon; from the downfall of Napoleon to the present time.

(2 hours, 1 semester.)

22a. American Economic History.—The Colonial Age.—The imperial frontier; production in the British colonies; the domain of colonial commerce. Agricultural conquest of the West; slavery; the agricultural revolution; the decline of foreign commerce; the rise of domestic commerce; markets and machines; the formation of a laboring class.

(2 hours, 1 semester.)

22b. American Economic History.—The Industrial State.—The railroad age; the development and use of natural resources; the farmer and the machine age; the wage carner under competition and monopoly; the revolt against big business. The imperial nation.

#### INSURANCE

1. Insurance Principles and Practices.—An elementary course designed to familiarize the student with the fundamental facts of insurance. A survey of (1) the underlying principles (2) practices and (3) legal aspects of life, fire, marine, fidelity and corporate surety, employers' liability, title and credit insurance.

(3 hours, 2 semesters.)

Life Insurance.—Purposes and uses of life insurance. Classification and functions of various types of life policies.
 Organization, management and supervision of legal reserve companies. The science of rate making. The important legal phases of life insurance.

(2 hours, 2 semesters.)

- 3. Property Insurance.—Fire, marine, fidelity, surety, title and credit insurance. A general course as to consideration of business uses and benefits; policy contract; types of policies; rate making; State statutes; reinsurance; adjustment of losses; organization of the agency and brokerage systems. Prerequisite, Junior standing.

  (2 hours, 2 semesters.)
- 4. Casualty Insurance.—The nature, necessity and reasons for workmen's compensation insurance; State usage and laws; policy contracts; principles of rate making, protection to the employer and employee. The second term will cover public liability, automobile, burglary, plate glass, and accident and health insurance. Prerequisite, Junior standing.

(2 hours, 2 semesters.)

#### **JOURNALISM**

Reporting.—Organization and function of a newspaper.
 News evaluation; news gathering; news writing. Study of leading newspapers. Students will be required to do actual reporting; sports, society, finance, the court, also human interest stories and interviews. Prerequisite, Sophomore standing.

 Copy Reading.—Study of comparative news value and the sources of news; newspaper makeup; handling local and telegraph copy; writing headlines; organization of reporting staff to cover news of the community. Prerequisite, Journalism 1.

(3 hours, 1 semester.)

3. The Special Feature Article.—The various types; their technique; methods of gathering and of presenting the material; the Sunday supplement; magazine writing. Required course.

(2 hours, 1 semester.)

4. Editorial Writing.—Developmental history of the editorial page; study of editorial material; aims and technique of the editorial; practice in editorial writing on campus, city, state and national topics. Required course.

(2 hours, 1 semester.)

 Newspaper Management.—The business manager and his organization; advertising and circulation; methods of procedure that insure success. Required course.

(3 hours, 1 semester.)

6. Fundamental English for Journalists.—A systematic and thorough review of English grammar to insure precision and correct usage in editing copy. Required course in Senior year.

(3 hours, 1 semester.)

7. Short-story Writing.—Critical study of the short-story as a species of literature; reading and analysis of master-pieces in this field of literature; a study of the modern short-story; extensive practice in short-story writing.

- 8. Book Reviewing.—Its method and technique as exemplified in the highest types of modern book reviews; study of the technique of present day prominent reviewers.

  (2 hours, 1 semester.)
- 9. The History of Ethics of Journalism.—A survey of the historical and ethical development of journalism from the Boston News Letter to the present day; the im-

portant figures in the journalistic world through whom these developments were made possible will be studied. A contrast of American and European journalism.

(2 hours, 1 semester.)

10. The Law of the Press.—The law of libel, copyright, contracts, the rights of privacy, constitutional guaranties of freedom of the press, official and legal advertising and court procedures. A case book will be used.

(3 hours, 1 semester.)

11. Elements of Literary Criticism.—A discussion of the principles of literary criticism with a view to form accurate and refined taste for appraising literature. (See English 5.)

#### LATIN

9. Survey Course.—An introduction to the prose writers and poets of the various ages. Emphasis is placed on the authors of the Golden Age.

(3 hours, 2 semester.)

Livy.—Books 1, 21 and 22. Prepared and sight translation.
 Prerequisite, four units of elementary Latin.
 (3 hours, 1 semester.)

11. Ovid.—Metamorphoses and Fasti. Prerequisite, Latin 10.
(3 hours, 1 semester.)

- 12. Horace.—Selected Odes and Epodes. Prerequisite, Latin 10.
  (3 hours, 1 semester.)
- 13. Horace.—Satires and Epistles. Prerequisite, Latin 12.
  (3 hours, 1 semester.)
- 14. Prose Composition.—Advanced course. May be taken with Latin 10, 11, 12 or 13, but not separately.

  ( 1 hour, 2 semesters.)
- 15. Tacitus' Annals.—Selections. Selections from Sallust. Prerequisites, Latin 12 and 13.

 Roman Comedy.—Plautus and Terence. Prerequisite, Latin 15.

(2 hours, 2 semesters.)

17. The Private Life of the Romans.—A series of interesting lectures on the everyday life of the Romans; the family, marriage, education, the house and furniture, amusements and religion.

(1 hour, 2 semesters.)

#### **MATHEMATICS**

1. Algebra.—Factoring; fractions; linear equations; exponents; logarithms; radicals; quadratics and related topics; mathematical induction; inequalities; complex numbers; theory of equations.

(3 hours, 1 semester.)

2. Trigonometry.—Co-ordinates; trigonometric functions and the solution of right triangles; trigonometric functions of any angle; solution of the oblique triangle; relations between trigonometric functions; trigonometric analysis; general value of angles; inverse trigonometrical functions; trigonometric equations; graphical representation of trigonometrical functions.

(3 hours, 1 semester.)

3. Analytic Geometry.—Loci and equations; the straight line; the circle; different systems of co-ordinates; the parabola; the ellipse; the hyperbola.

(3 hours, 1 semester.)

Calculus.—First Course. Differentiation of algebraic and transcendental functions with geometrical and physical applications; maxima and minima; points of inflection; integration by formulas.

(3 hours, 1 semester.)

5. Calculus.—Second Course. Series; indeterminate forms; radius of curvature; partial derivatives; use of integral tables; application to geometry and mechanics of definite integrals, including double and triple integrals; introduction to differential equations, covering equations involving two variables.

(3 hours, 1 semester.)

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#### MECHANICS

 Elementary Mechanics.—The fundamental ideas of Mechanics. Prerequisites, Mathematics 1 and 2, Physics 1. Senior Pre-Medical students.

(3 hours, 1 semester.)

2. Theoretical Mechanics.—A course designed to give a firm grasp of the fundamental principles of Mechanics. Prerequisites, Mathematics 4 and 5.

(3 hours, 1 semester.)

3. Analytic Mechanics.—A more extensive course in Mechanics than Mechanics 1.

(3 hours, 1 semester.)

#### PHILOSOPHY

 Formal Logic.—Logic, an art and a science. Importance; relation to other sciences. Mental images. Terms. Definition. Reasoning. The syllogism; its value and rules. Fallacies. Applications of logic.

(3 hours, 1 semester.)

Epistemology.—The possibility of certainty. Scepticism.
 Veracity of the senses and the intellect. Idealism vs.
 Realism. Universals. Authority and belief. Critical
 examination of various theories of knowledge.

(3 hours, 1 semester.)

Ontology.—Aristotelian transcendentals of being. Reality
of substances. Causation. Errors concerning causation. Divisions of being.

(3 hours, 1 semester.)

Cosmology.—Nature, origin, and duration of the universe.
 Ultimate constituents of bodies. Hylomorphism. Laws of nature as applied both to the organic and inorganic world. Possibilities of miracles. Concepts of natural science and scholastic philosophy.

 General Psychology.—The nervous system. Neural action in relation to consciousness. Sensation. Perception. Memory. Imagination. Reasoning. Instinct. Feeling. Emotions. Action and Willing. Spirituality and immortality of the soul.

(2 hours laboratory, 2 hours lecture, 2 semesters.)

8. Dynamic Psychology.—This course is designed to give the student: (a) an insight into the modern trends of psychology; (b) a foundation for the practical understanding of his own inner life so essential to cope with the varying mental situations that beset the individual during his life-span; (c) an introduction to the clinical problems of psychology to insure a finer appreciation of borderline cases and a technique for handling them should a medical training lead further into this field. Prerequisite, Philosophy 7.

Required of all Pre-Medical Seniors.

(3 hours, 1 semester.)

9. Infancy, Childhood and Adolescence.—Prerequisites, Philosophy 7 and Education 3.

(2 hours, 1 semester.)

Natural Theology.—Proof of God's existence and providence; Deism, pantheism, agnosticism, atheism. Existence of evil. Preservation of creatures. Divine concurrence.

(2 hours, 1 semester.)

11. General Ethics.—Nature of a human act. Ultimate end of human actions. Determinants of morality. Does the end justify the means? Hindrances to the perfection of a human act. The passions, habit, virtue, vice.

- 12. Special Ethics.—Man's rights and duties as an individual.

  Man's duties to God; adoration, love, obedience. Man's duties to his neighbor. Man's rights and duties as a citizen. The common law of nations. Ecclesiastical society. Missions of the Church in the modern world.

  (2 hours, 2 semesters.)
- 13. History of Philosophy.—Principles of the founders of the ancient schools; their vitality as illustrated in modern

views. Mediaeval philosophy; special emphasis upon scholasticism. Modern Philosophy. Neo-Scholastic Movement.

(3 hours, 2 semesters.)

#### PHYSICS

 General Physics.—A general course in the fundamentals of physics. Lectures, recitations, problems work and laboratory in mechanics, heat, sound, light, magnetism and electricity.

(3 hours lecture, 2 hours laboratory, 2 semesters.)

3. Simple Harmonic Motion, Elasticity.—The more important experiments in simple harmonic motion; determination of elastic constants; theory of precise measurements and applications to laboratory work.

(2 hours lecture, 2 hours laboratory, 1 semester.)

Omitted 1934-1935.

4. Geometrical and Physical Optics.—The principles and methods of geometrical optics. Wave theory of the refraction, dispersion, interference, diffraction, and polarization of light. Experiments with lenses, mirrors, microscopes, spectroscopes, and polariscopes. Applications. Library reports.

(2 hours lecture, 2 hours laboratory, 1 semester.)

6. Electricity and Magnetism.—Advanced Course. The electric field; potential; its measurement; capacitance; current; electromotive force and resistance. Fundamental measurements; thermal and electrical effects of the current; application of thermal effects. Primary and secondary cells; thermo-electro phenomena. Magnetism; magnetic effects of the electric current. Electro-magnetic induction. Alternating currents; transformers; motors. Electrical units; electronics. Roentgen rays; radioactivity; electro-magnetic waves and special applications.

#### POLITICAL ECONOMY

 American Government.—The organization and function of the government system of the United States with particular stress on modern problems and political issues. National government, first semester; state and local, second semester.

(3 hours, 2 semesters.)

2. Municipal Government.—The politics of cities of the United States; the growth and character of urban population; the city and its relation to the State; the several types of city government, municipal parties and elections; reform organizations.

(2 hours, 1 semester.)

3. Municipal Administration.—The functions of cities in the United States; administrative machinery, personnel, methods; public works, city planning, disposal of waste and sewerage, health, police protection, fire protection; sources of revenue; expenditure and its checks.

(2 hours, 1 semester.)

 American Political Parties.—Survey of the development of present day political parties; their organization and function; modern tendencies in party alignments.

(3 hours, 1 semester.)

5. Imperialism and World Politics.—A survey of the causes and the motives, the history and the effects of imperialist world politics during the nineteenth and twentieth centuries.

Omitted 1934-1935 (2 hours, 2 semesters.)

#### RELIGION

 History of Christian Dogma.—Explanation of the principal dogma, with special insistence on the continuity of the Church. The Church and Science. Objections. History of the Old Testament. Required of all Freshmen.

- 2. Applied Ethics.—Explanation of the fundamental principles of Christian morality as contained in the Decalogue. History of the New Testament. Required by all Sophomores.
- 3. History of the Christian Liturgy.—Grace, prayer and the sacraments, with special reference to the Council of Trent and the tenets of Protestantism. History of the Church.
- 4. Apologetics I.—Natural Theology. See Philosophy 10.
- Apologetics II.—General Ethics. Special Ethics. See Philosophy 11 and 12.
- 6. History of Pre-Christian Religion.—The possibility, necessity, and signs of revelation. The Patriarchal regime; the call of Moses; the period of the Judges; the foundation of the Judaic kingdom; divisions in supremacy; the kingdom of Judea; the kingdom of Israel; captivities; the fullness of time.
- 7. Readings in the New Testament.—The life of Christ as portrayed in the four gospels; the mission of the apostles as related in the Acts of the Apostles; the teachings of the apostles as expressed in the epistles, the prophecies as contained in the Apocalypse.

## SOCIOLOGY

 Introduction to Sociology.—A study of human group life, and the culture of the group. This course is designed as a preparation for the special fields of sociology as well as a general view of courses in this department.

(3 hours, 1 semester.)

2. Poverty and its Problems.—The obstacles to the well-being of our people. Special stress on lack of adequate income, lack of physical health and capacity insofar as they are causes of poverty.

Omitted 1934-1935 (2 hours, 1 semester.)

- 3. Problems of Social Organization.—Ignorance, intemperance, vice, unemployment, family, mal-adjustment, special problems of the aged and children. The several agencies, public and private caring for social conditions.

  (2 hours, 1 semester.)
- 4. Social Institutions.—The family. A study of the environmental factors of family life. Family organization and development. Special stress is laid on the modern problems of divorce and legislation dealing with the family.

  (3 hours, 1 semester.)
- 5. Other Major Institutions.—The Church, the State, the School, etc. Their moral and mutual relations. The elements of strength and weakness of all social organizations and their common traits.

(2 hours, 1 semester.)

7. Practical Application of Sociology.—The study of the population of the United States in regard to increase, distribution, nativity, sex, age, marital conditions, etc. Special study of immigration, marriage, divorce, poverty, industrial institutions, public health and religion. (Open to Juniors and Seniors only.)

Omitted 1934-1935 (2 hours, 1 semester.)

8. The Principles and Problems of Child Welfare.

Omitted 1934-1935 (2 hours, 1 semester.)

9. The Catholic Church and Social Problems.

Omitted 1934-1935 (2 hours, 1 semester.)

# PRIZES

The Sir James J. Ryan Purse of \$25.00 in memory of the late Sir James J. Ryan, K.C.S.G., is offered to the student of the Senior Class who has the best record in scholarship for the work of the regular year.

The Harrity memorial prize for Religious Instruction, founded by Mrs. William F. Harrity, in memory of her husband, the late Honorable William F. Harrity, is open to all College students.

The Anastasia McNichol prize for English Essay, founded by the late Honorable James P. McNichol, is open to all College students.

## **SCHOLARSHIPS**

The Henry T. Coleman Scholarship, founded by the late Henry T. Coleman, Esq., in 1903.

The William F. Harrity Scholarship, founded by the late Honorable William F. Harrity, in 1913.

The Patrick Curran Scholarship, founded in 1914, by Rev. Edward J. Curran, A.M., LL.D., in memory of his father.

The James H. Irvin Scholarship, founded in 1931, by James H. Irvin, in memory of his father the late James H. Irvin.

## THE LEAGUE OF THE SACRED HEART

The Apostleship of Prayer and the League of the Sacred Heart have been established to foster a tender love for our Divine Lord in the Most Blessed Sacrament, and a practical devotion to His Sacred Heart. Confessions are heard on the first Thursday of each month. On the First Friday, Holy Mass is celebrated at which the students receive Holy Communion.

#### **OFFICERS**

President—Charles J. Gensheimer, '35.

Vice-Presidents—Maurice F. Kelley, '36; Joseph F. Flubacher, '35.

Piano-John J. Young, '35.

Violins-Edward J. McCool, '35; Clay F. McNerney, '35.

Organ—Brother William, F.S.C.

Faculty Moderator—Brother G. Lucian.

#### THE LEAGUE OF ST. JOSEPH

The League of St. Joseph, otherwise known as the Union of St. Joseph, has for aim the cultivation of devotion to St. Joseph, the recognition of him as special patron and protector of students, and his intercession for the grace of final perseverance for the dying.

Every Wednesday Holy Mass in honor of St. Joseph, Holy Communion, and Benediction given in gratitude for favors received, for success in one's undertakings, especially in realizing a suitable life work and for the grace of a happy death. Assembly is held on the same day when students are exercised in social and religious evidence work.

Faculty Moderator-Brother E. Alfred.

## SAINT LA SALLE AUXILIARY

This society has been founded not only to secure worthy young men as candidates for the Christian Brothers' Novitiate, at Ammendale, Md., but also to raise funds for the support of the young Brothers during their Novitiate, and while pursuing their studies at the Catholic University of America.

Membership is not confined to the student-body. The roster of names includes numerous supporters throughout the Archdioceses. The various privileges obtaind through membership in the Auxiliary include a plenary indulgence at the hour of death, participation in numerous Masses and plenary indulgences applicable to the living and the dead.

#### DEBATING SOCIETIES

The object of the debating societies is to accustom the students to speak in public with ease, fluency and readiness, and to afford them opportunities of acquiring accurate knowledge of modern social, economic and political problems.

## THE LA SALLE DEBATING SOCIETY

The members of this society are limited to men of the Junior and Senior classes of the College. The officers are elected annually.

#### OFFICERS

President—Norman P. Harvey, '34. Vice-President—Joseph E. Crowley, '34. Treasurer—Joseph F. Flubacher, '35. Secretary—John J. Doherty, '35. Faculty Director—Brother E. Alfred.

## THE AZARIAS DEBATING SOCIETY

This society is composed of Freshmen and Sophomore students and prepares for the Senior society. Exercises are held weekly in formal and extemporaneous debate and in the mechanics of the brief and the constructive speech.

Faculty Moderator-Brother D. Luke.

## "THE LA SALLE COLLEGIAN"

THE LA SALLE COLLEGIAN represents the results of undergraduate activity in journalism. The publication is issued bi-weekly by the students of the College, and offers not only an opportunity for the practical application of various forms of English composition, but also records the academic, social and athletic events of the year in historical sequence. The paper enjoys a high standing among similar student publications.

#### MANAGING BOARD

Editor-in-Chief	John J. Doherty, '35
Associate Editor	Lawrence G. Bowman, '35
Sports Editor	FLOYD C. BYTHINER, '35
Advertising Manager	
News Editor	John A. O'Brien, '35
Business Manager	EDWARD J. McCool, '35
Circulation Manager	Joseph F. Flubacher, '35
Exchange Editor	Thomas J. Walsh, '35

## **NEWS STAFF**

James T. Grimes, '35	CHARLES J. GENSHEIMER, '35
Anthony J. Dwyer, '35	JOHN P. GIBBONS, '35
JAMES W. KELLY, '35	Hugh J. Gallagher, '35
Joseph B. Curran, '35	Albert J. Crawford, '36
WILLIAM L. REGAN, '35	Joseph J. Kelley, '37
CLAY F. McNerney, '35	JOHN S. PENNY, '37
RAYMOND A. CURRAN, '35	PHILIP A. NIESSEN, '36

## SPORTS STAFF

John M. Marshall, '35	ROBERT J. GALLAHER, '	36
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#### ADVERTISING STAFF

JOHN F. BYRNE, '35	JOHN A. SPELLMAN, '36
Edward J. McKernan, '36	CHARLES J. COFFEY, '35
Librarian	James T. Grimes, '35
Faculty Moderator	BROTHER EMILIAN

## THE DRAMATIC SOCIETY

Besides cultivating grace of speech and movement, opportunities for an intelligent appreciation of dramatic art are supplied. Regular performances of classical and non-classical plays are given, and as an exercise in initiative and ingenuity, the directing and stage designing is left largely to the students.

## **OFFICERS**

President—Charles Jos. Gensheimer, '35. Vice-President—John J. Doherty, '35. Treasurer—Floyd Bythiner, '35. Secretary—William L. Regan, '35. Faculty Director—Brother E. Felix. Faculty Moderator—Brother Eadbert.

### THE PRE-MEDICAL SOCIETY

This society was founded by a group of pre-medical students for mutual encouragement, to insure closer social contacts, to foster a deeper realization of the high ideals that should characterize those who plan a medical career and to promote the best interests of Alma Mater. Meetings are held monthly at which some prominent member of the medical professions or of the College Faculty is a guest speaker. Bi-weekly meetings are also held at which members read and discuss current scientific topics.

## OFFICERS

President—Louis Kaplan, '34.
Vice-President—Thomas B. Brown, '34.
Treasurer—Charles J. Kelly, '34.
Secretary—Peter L. Steffa, '35.
Faculty Moderator—Brother G. Alphonsus.

## THE ART CLUB

The Art Club is composed of a selected group of young men of artistic temperament from the various departments of the College. Their aim is not only to promote art for art's sake, they also assist in a very practical manner in the artistic arrangements and settings for social affairs of the College. Membership is open to all students who desire to cultivate their taste for the beautiful.

#### **OFFICERS**

President—John A. O'Brien, '35. Vice-President—Henry J. McCullough, '36. Treasurer—Herman Berberich, '35.

## **ALUMNI ASSOCIATION**

The Alumni Association has been organized to foster among its members a spirit of loyalty to their Alma Mater and to hold them together by a common bond of fellowship.

Regular meetings and reunions are held at stated times as

prescribed in the constitutions and by-laws of the society.

President—John F. Maguire, '22. 5111 Frankford Avenue, Phila.

# FORMS OF BEQUEST

In the hope that friends of Education may remember the needs of the College, we append the following forms of bequest.

# ABSOLUTE BEQUEST

I give, devise and bequeath to La Salle College in the City of Philadelphia, incorporated under an act of the Legislature of Pennsylvania, approved March 20, 1863, and its successors forever the sum of .................................dollars (or otherwise describe the gift) for its general corporate purposes (or name a particular purpose).

# BEQUEST TO THE COLLEGE AS TRUSTEE FOR ITSELF

#### NOTE

The proceeds of life insurance policies payable at death to the estate of the insured may be given or bequeathed to the College or in trust for its use under either of the preceding forms substantially in the same manner as other property.





















